

BEST AVAILABLE COPY

Aggregation-preventing wide-spectrum nanometer antibiotic silver yarn and its industrial production process

Patent Number: CN1322874
Publication date: 2001-11-21
Inventor(s): ZHU HONGJUN (CN)
Applicant(s): ZHU HONGJUN (CN)
Requested Patent: CN1322874
Application Number: CN20010115422 20010425
Priority Number(s): CN20010115422 20010425
IPC Classification: D06M11/83; D02G3/44
EC Classification:
Equivalents:

Abstract

Superfine silver grains of 1-100 nm size are attached to yarn of animal or plant fabric material, and the superfine silver grains are coated by one 2-8 nm thick silver oxide layer. The nanometer silver yarn produced via aggregation preventing process has extremely strong and wide-spectrum antibiotic capacity and no toxicity, irritation, allergic reaction and drug resistance. It may be used in weaving various antibiotic fabric for medical and health purpose.

Data supplied from the esp@cenet database - I2